

ABSTRACT OF THE DISCLOSURE

To improve the reliability of an engagement and
ejection mechanism of a drive device having an
accommodating portion for accommodating therein a magnetic
5 disk.

A drive device with a cartridge engagement and
ejection mechanism comprises: a cam having a sliding groove
containing an engaging corner for locking a driving axis
and an disengaging corner positioned adjacent to the
10 engaging corner; a latching member having a latching
portion to be engaged with a notch of a magnetic disk
cartridge, and a driving shaft which slides within the
sliding groove; and a resilient member for urging the
latching member in the direction ejecting the magnetic disk
15 cartridge, wherein the disengaging corner is selected to
satisfy the relationship $d \leq r \leq 3d$, where "r" is a curvature
of the disengaging corner and "d" is a radius of the
driving shaft.